

308

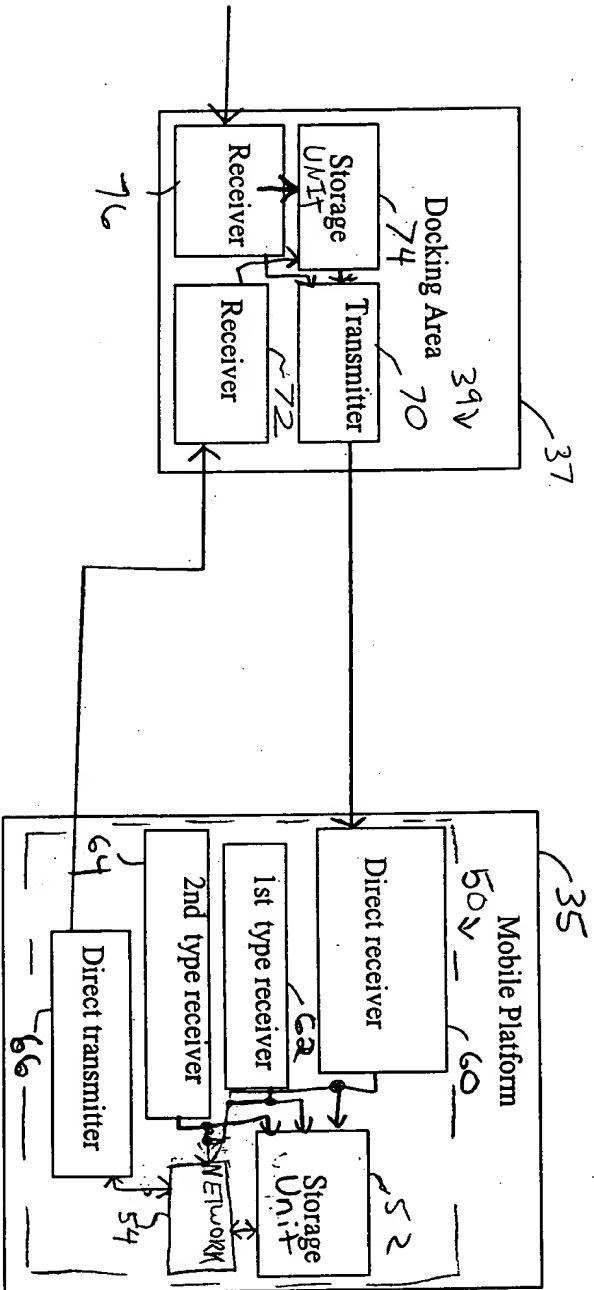
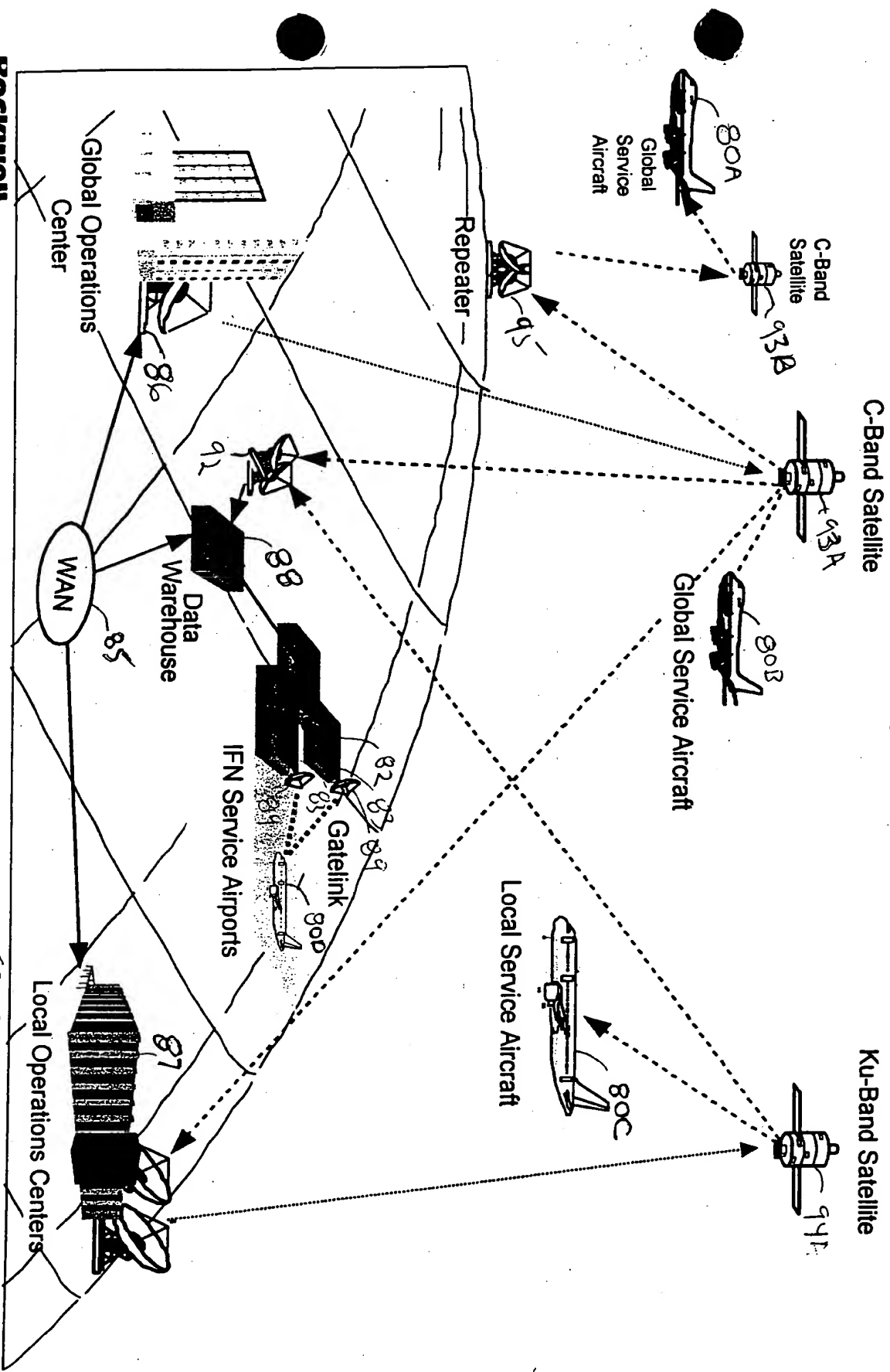


Figure 2

302



Rockwell  
Collins

Rockwell Collins Proprietary DRAFT 1.1

09454198, 012800

FIGURE 3

Page 5

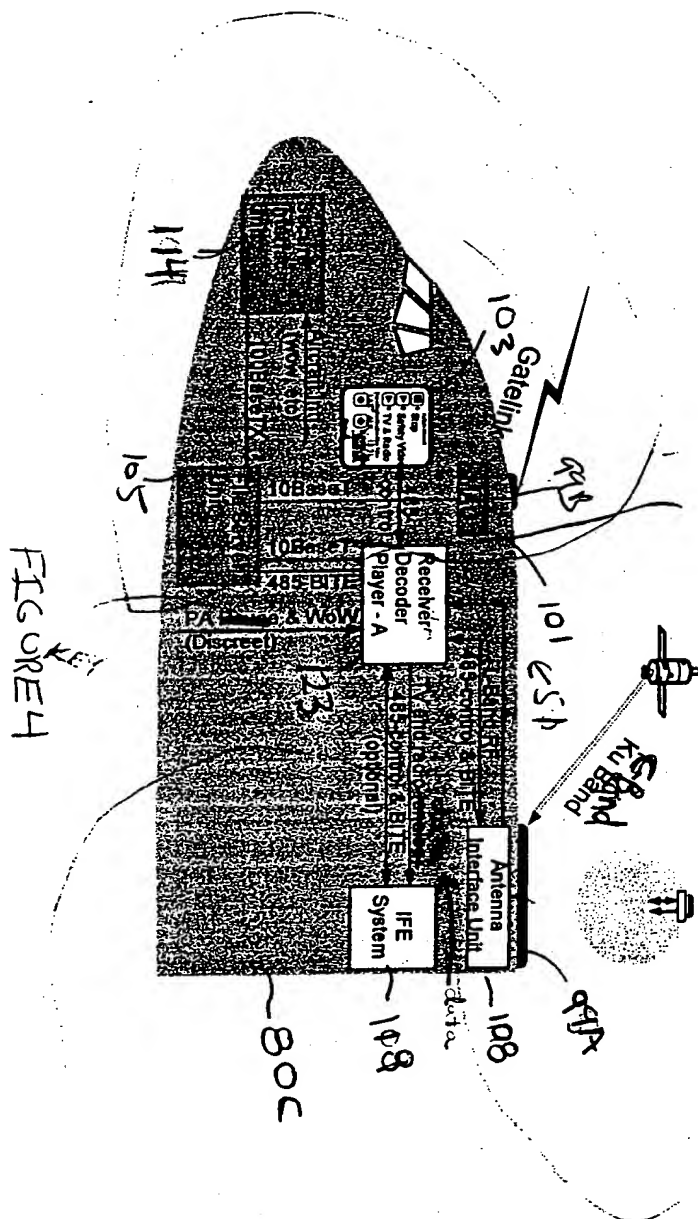
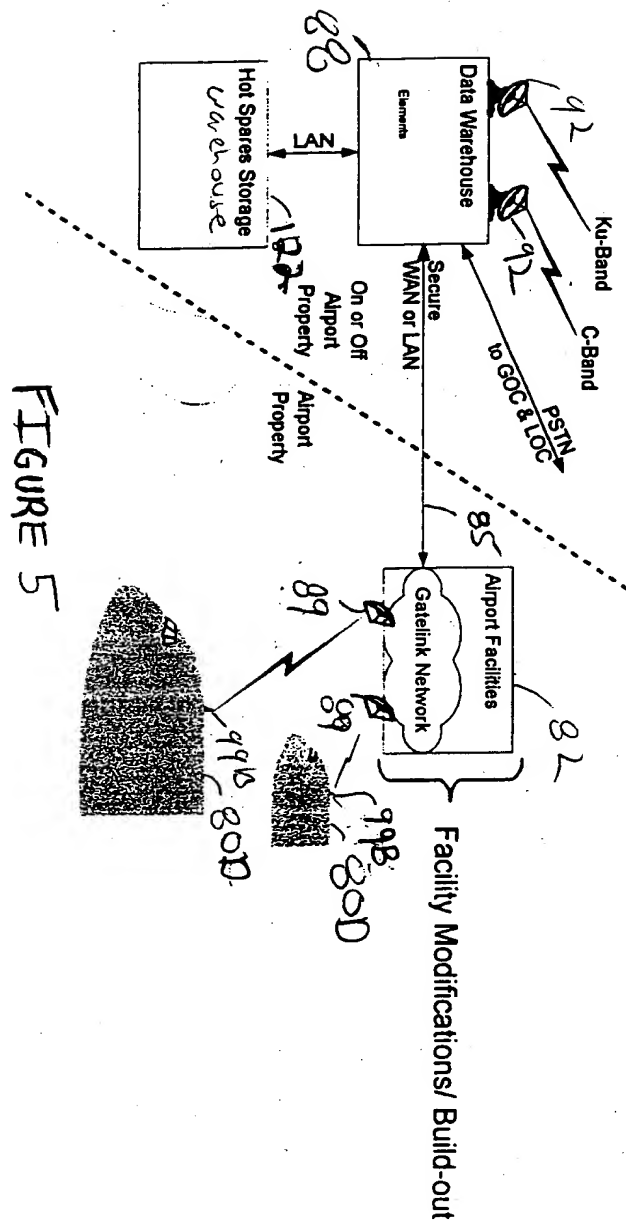


FIGURE 4

[illegible]

100

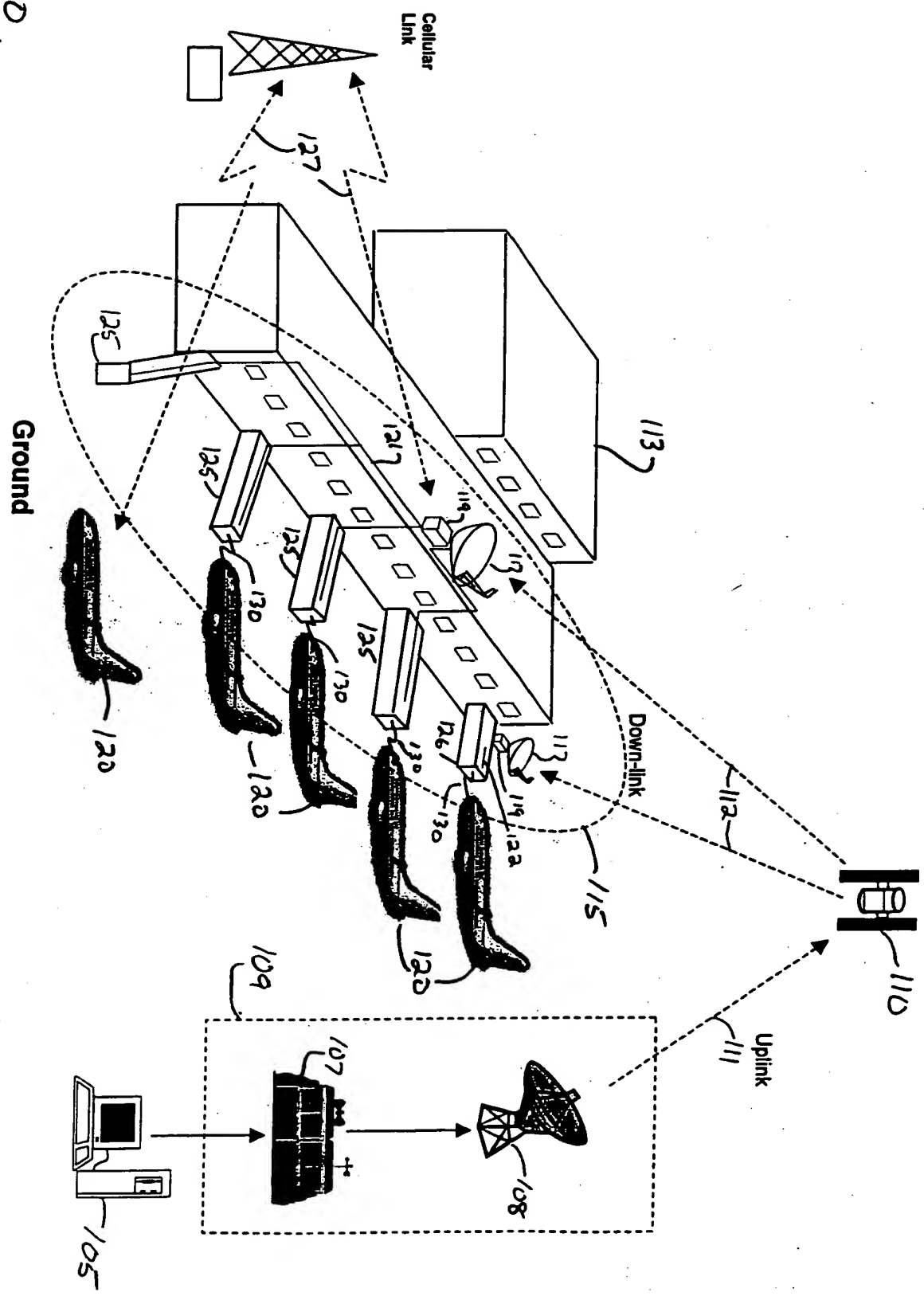


Figure 6

09494498.012800

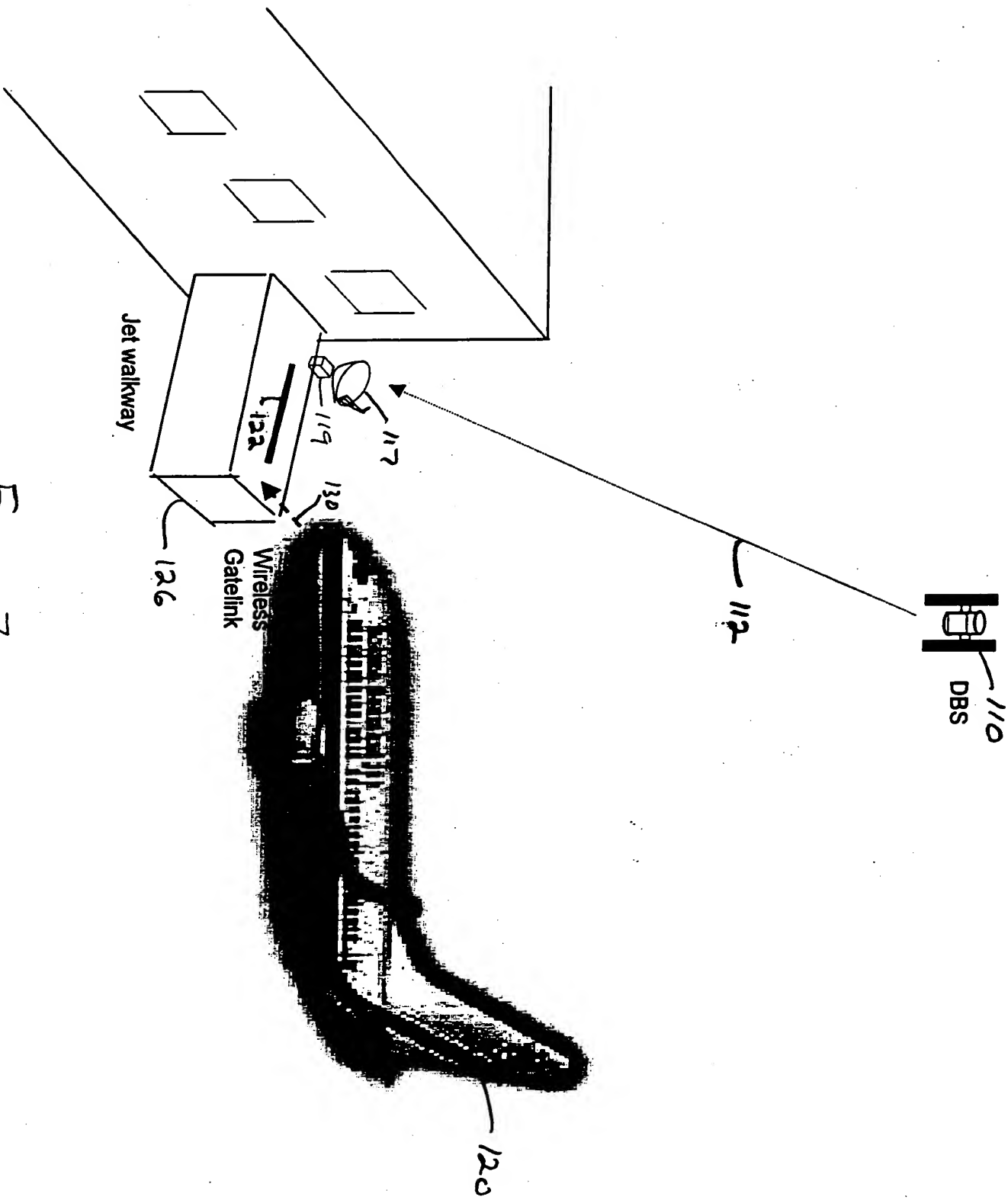


Figure 7.

09494198.012800

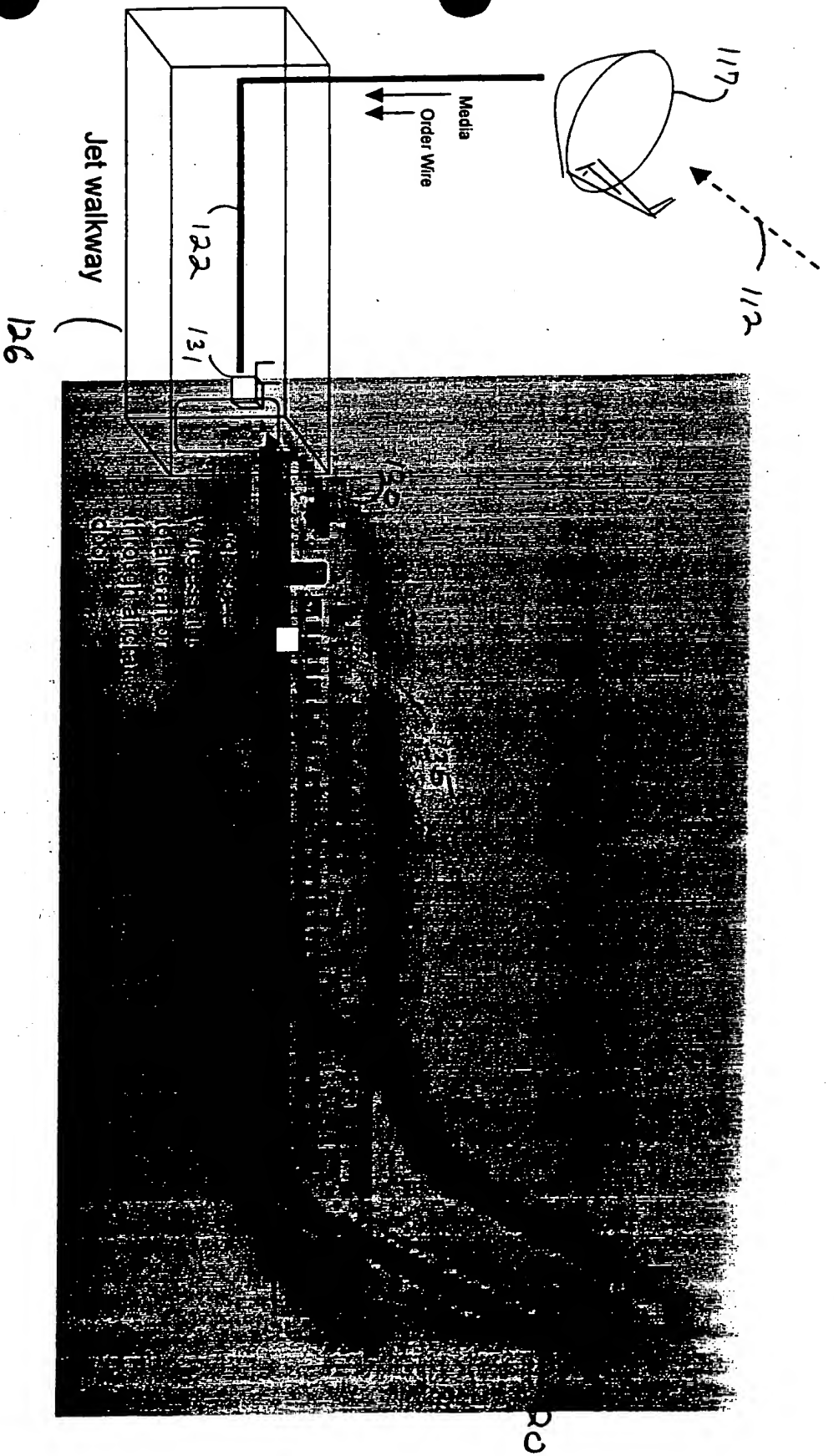


Figure 8

09494198.012800



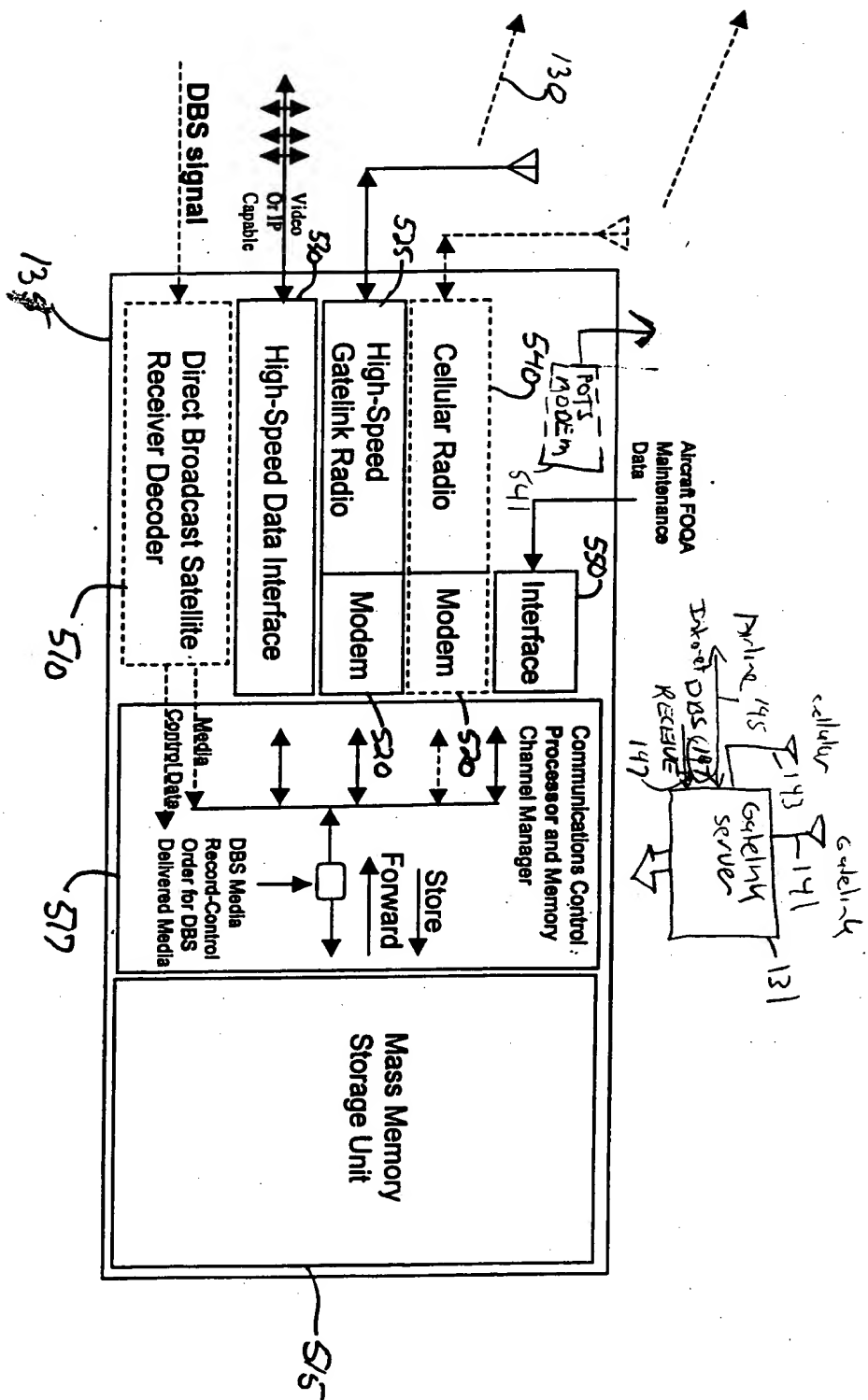


Figure 9

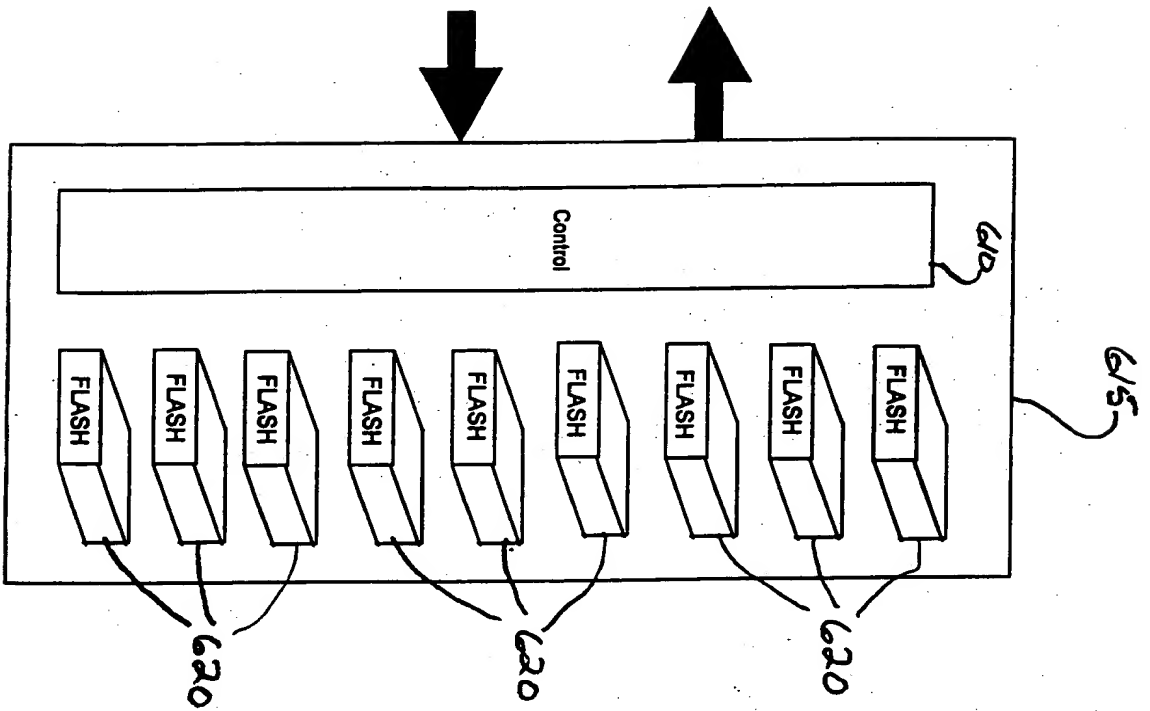
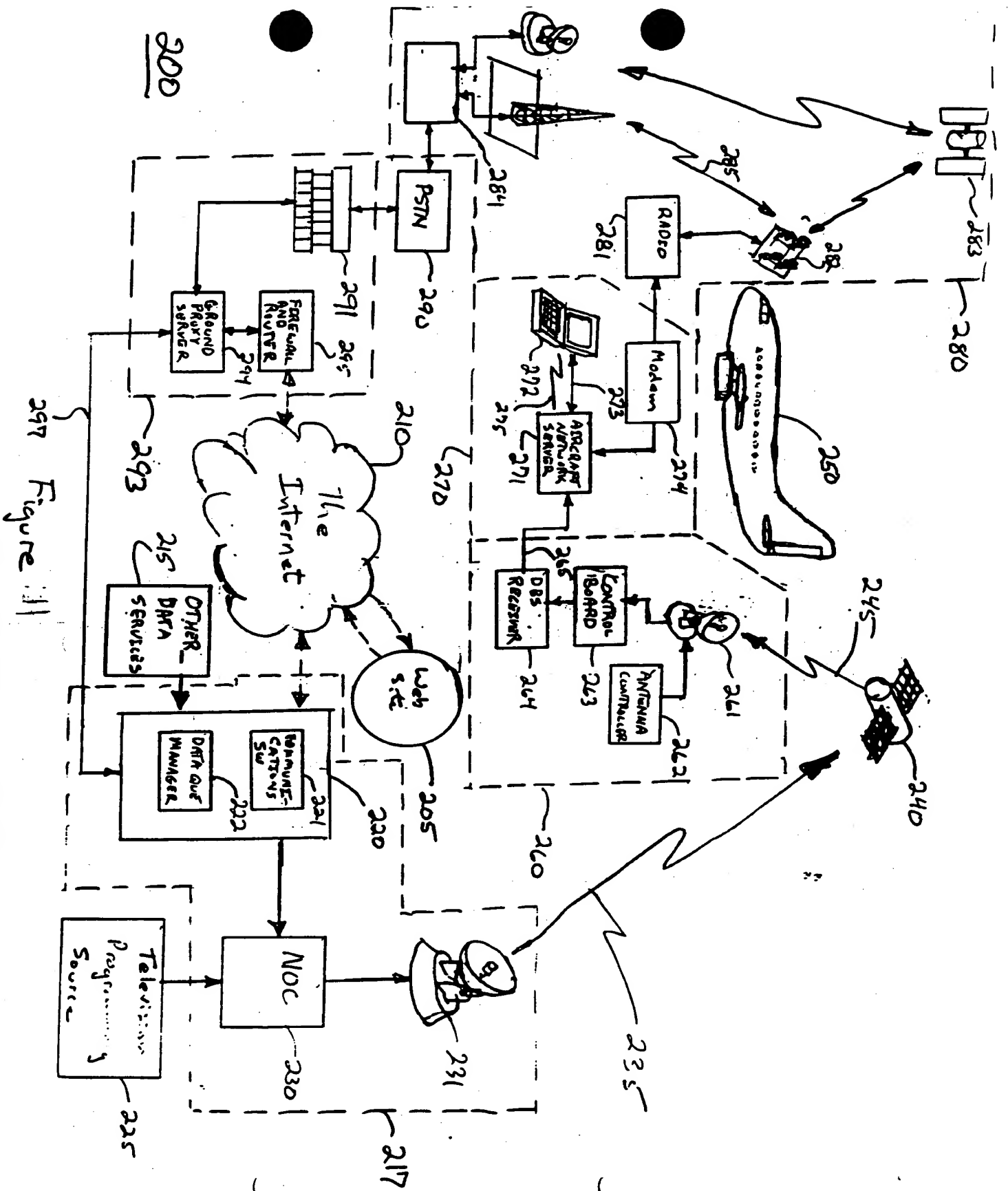


Figure 10

03494498 012800



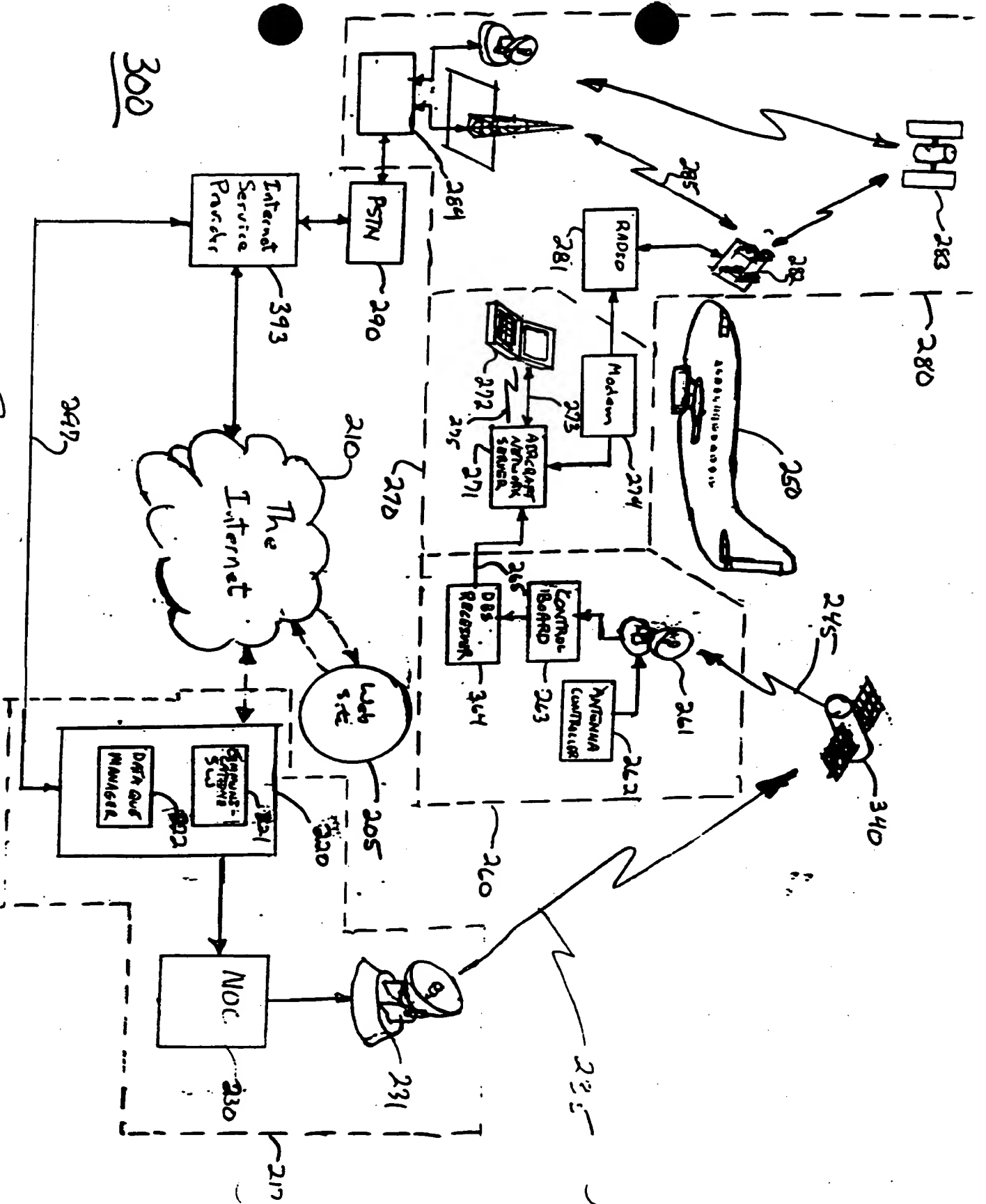


Figure 09/24/98, 012800

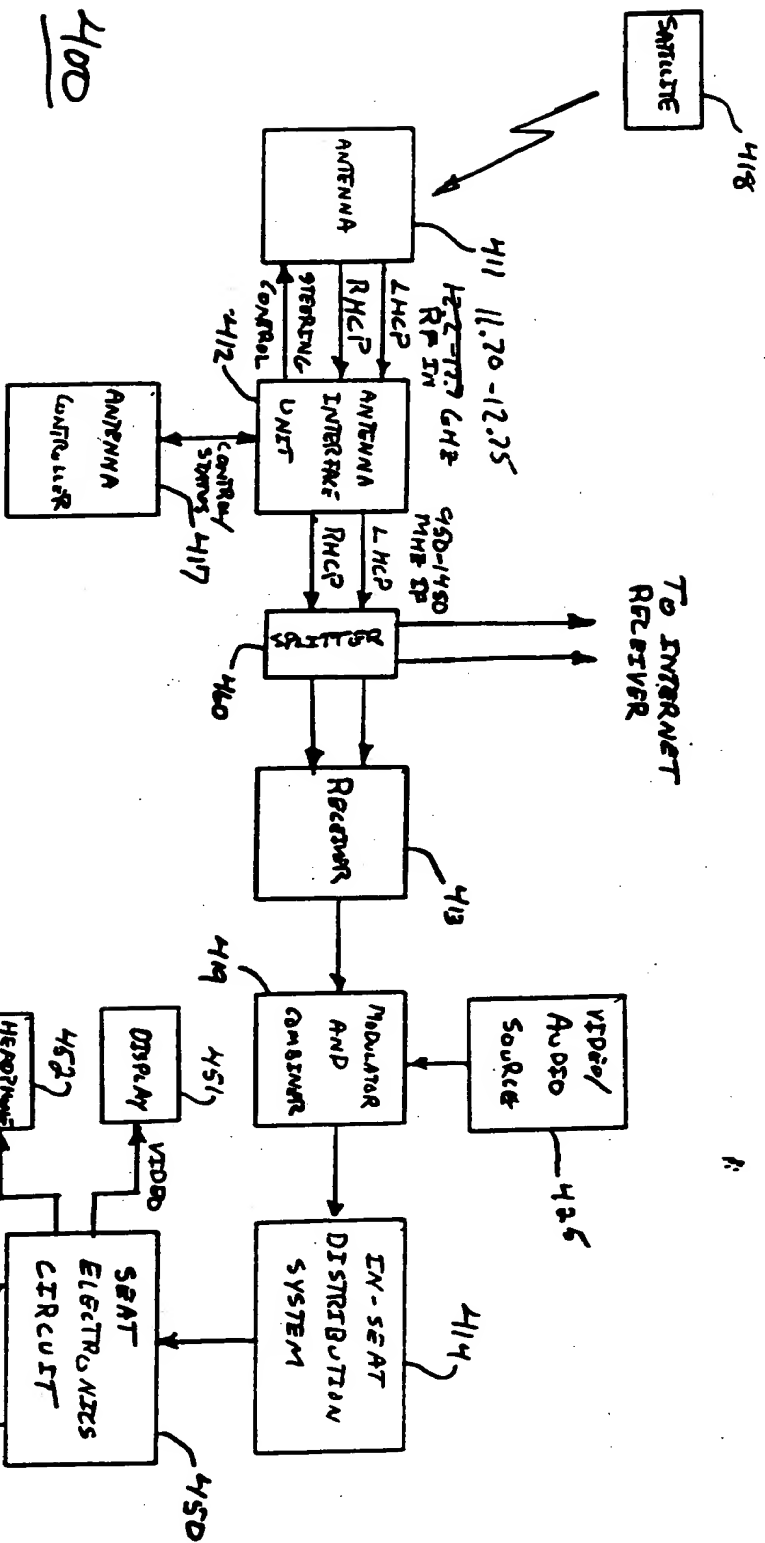


Figure 13

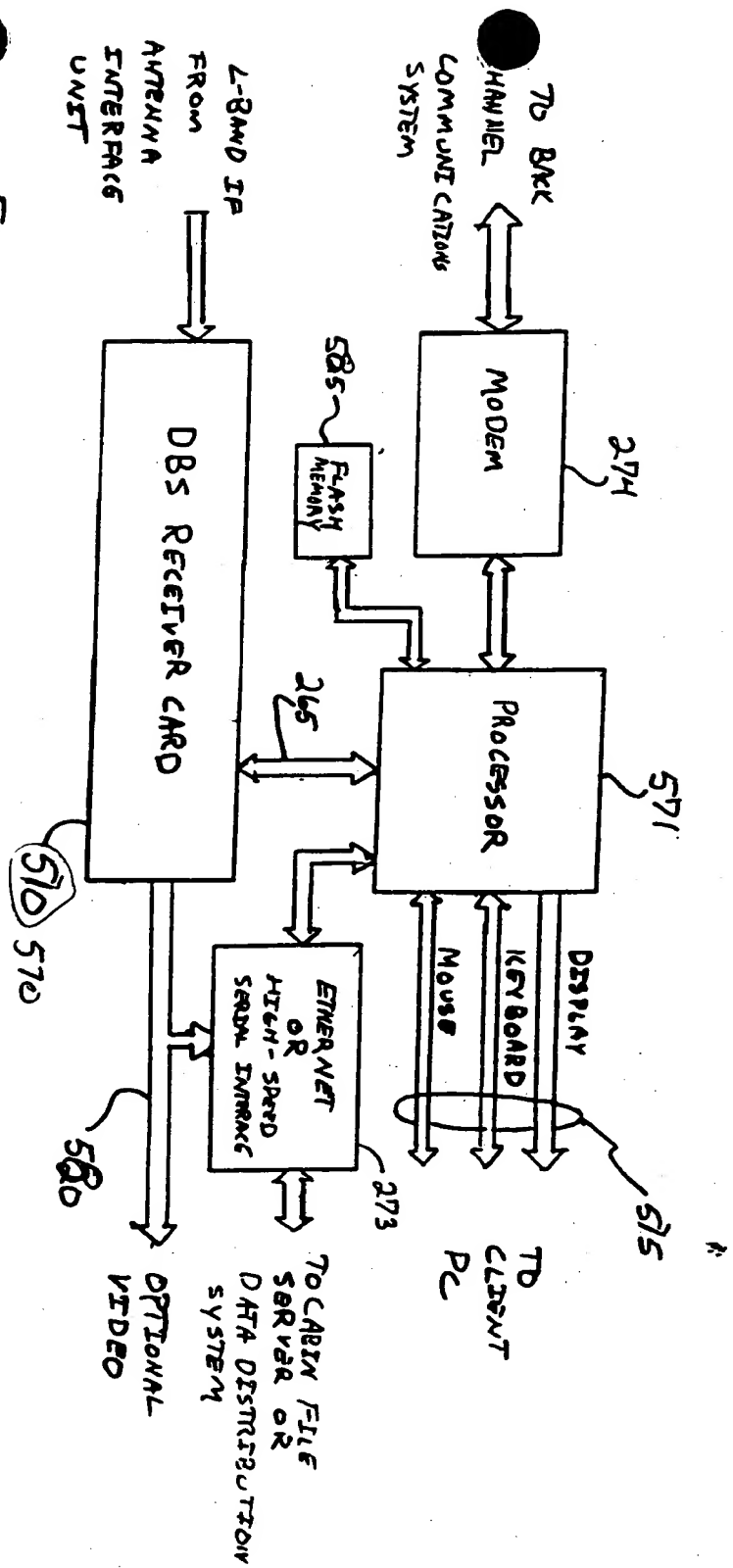
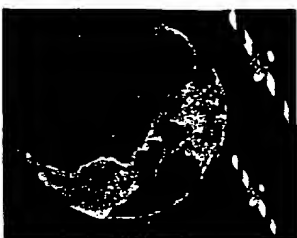


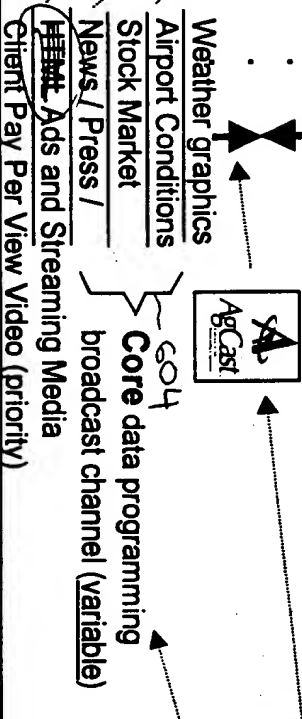
Figure 14

500

# “ Aviation / Automotive Express ” High Speed DBS Data Channel for Aviation — Mobile Platforms



Internet user - 56 k	(uses NATS or INMARSAT for back-channel)
Internet user - 28.8 k	(uses NATS or INMARSAT for back-channel)
Internet user - 28.8 k	(uses NATS or INMARSAT for back-channel)
FTP - 28.8 k	
Fax - 28.8 k	
Voice mail - 4800	
DBS GateLink Media File Server	Order Wire



600  
 User and Order Wire channels (priority)

Dynamic allocation of bandwidth between user channels and core data broadcasting. User channels have priority - this part may fit AgCast's competency. AgCast is also an Internet data content aggregator.

Core broadcasting content "grows and shrinks" according to user channel BW demand. Core programming may be resold to an unlimited audience in the air or on the ground.

**Rockwell**

## Business & Regional Systems

- Fax to plane
- Core data
- Full Internet
- "Off-line" Internet
- E-mail / FTP

## Air Transport Systems

- Fax to plane
- Large file FTP messaging
- Wireless airport terminal area file server loading / complementing IFS
- Core data to IFS server

## Passenger Systems

- IFN IFE systems

Fixed contracted (less pre-existing core programming) DBS BW from Echostar and/or AgCast (1-Megabit per second as an example)



Figure 15

This Figure Contains Rockwell Proprietary Information

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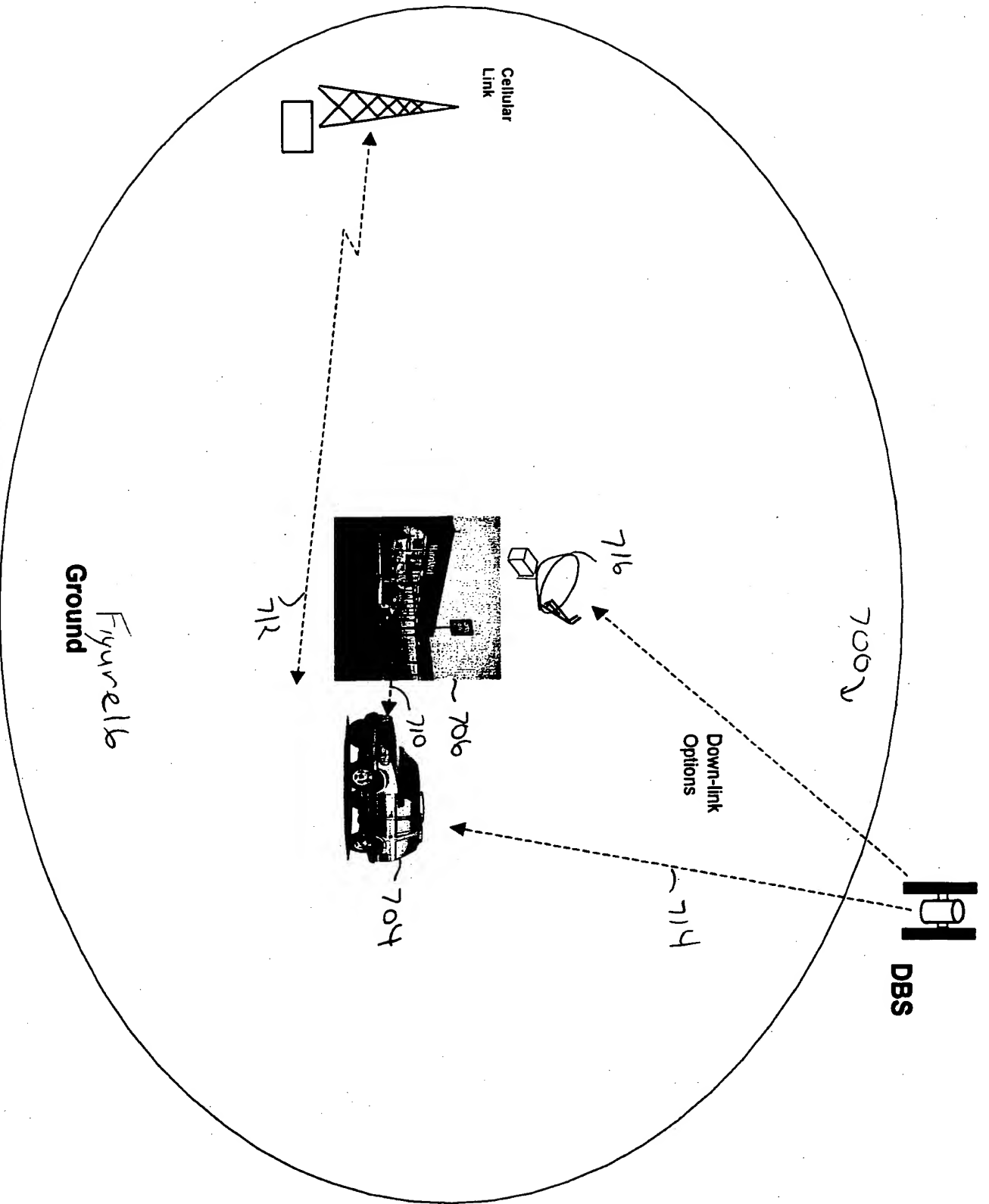


Figure 1b  
Ground

This Figure Contains Rockwell Proprietary Information

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